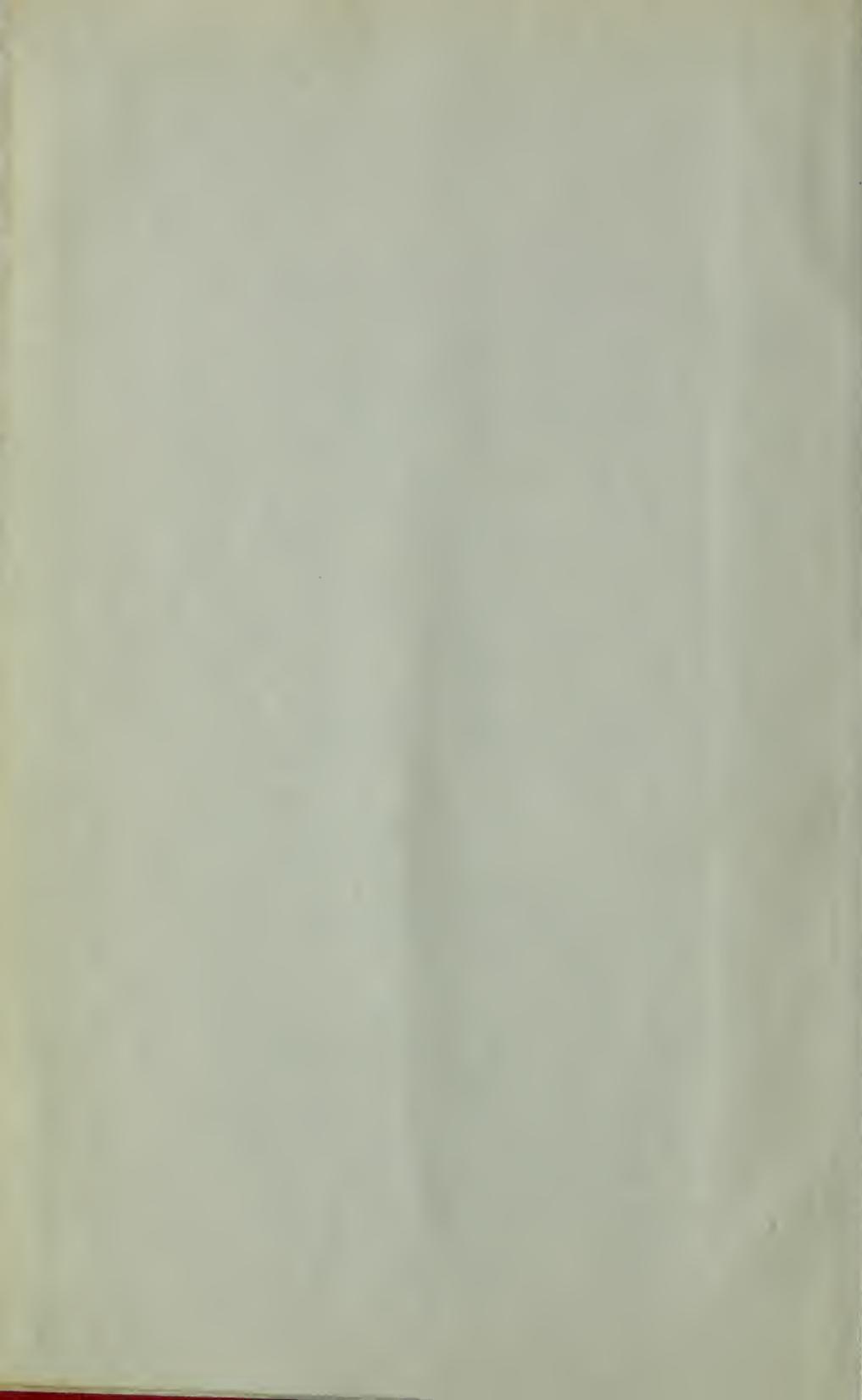


## **Historic, Archive Document**

Do not assume content reflects current scientific knowledge, policies, or practices.



THE

# MARYLAND FARMER:

DEVOTED TO

Agriculture, Horticulture, Rural Economy & Mechanic Arts.

---

**PUBLISHED MONTHLY,**

BY

**S. SANDS MILLS & CO.**

**PROPRIETORS.**

---

**VOLUME SIXTH.**

---

**BALTIMORE;**

PUBLICATION OFFICE, 24 SOUTH CALVERT STREET,

In E. Whitman & Sons' Agricultural Buildings.

1869.



ANNUAL  
CARNATION

## INDEX TO VOLUME VI.

**A**

Agriculture, in the United States 2; scientific 33; Commissioner of 148; papers 148.  
 Animals, controlling the sex of 312.  
 Agricultural College, Maryland, 156, 247.  
 Address of Hon. E. J. Henkle 13; A. L. Taveau 304; W. W. W. Bowie before Md. State show 1869—345.  
 Agricultural Journals, what farmers can do for 198.  
 Agricultural Societies, Frederick Co., Md. 17, 19, 21; Harford Co. 33, 49; Maryland agricultural 146; visit to Mary and, grounds 146; subscription to Maryland 178; notice of the first fair Maryland 193; Alleghany county 208; officers of the Md. State 211, 239; officers Montgomery county 214; associations 246; proceedings of Maryland State 307; Calvert county, Md. 344.  
 Apple Trees, leached ashes for 19; for Maryland 27; the way to set out 118; orchard in Maryland 119; borers 337.  
 Apples, packing 36.  
 Apatite, in domestic economy 46.  
 Asparagus, Conover's Colossal 44; cultivation of 44.  
 Ashes, for peas 87, 176; unleached 105; wood 330.  
 Ants, to entrap 182.  
 Answer to "A Pennsylvanian" 105.  
 Association of farmers 135.  
 Artificial Peruvian Guano, receipt to make 138, 306, 348.

**B**

Baltimore and Ohio Railroad 317.  
 Bark, tanners 51.  
 Beans, army and navy 43; white 56; about 73, 104; lima 122; bush or snap shorts 122; about 137; navy 265, 340.  
 Bone dust and sulphuric acid in the soil 371.  
 Bone, pure, dissolved in acid, drying 19.  
 Bones, dissolved 41, 92, 96; calcined 55.  
 Beets, a crop of 47, 240.  
 Borers, to destroy 182.  
 Birds vs. fruits 90.  
 Broom corn, cultivation of 143; in the South 271.  
 Bureau of labor and agriculture 53, 104.  
 Buckwheat 164, 194.  
 Bulls, ringing 184.  
 Bees, young queen issuing with first swarm 113; to drive bees out of hive 113; hiving a swarm of 156; smart 156; singular facts about 177; why do bees swarm 284.  
 Better times coming 232.  
 Bottling Fruit 215.  
 Blackberries, imported 244, 325.  
 Bulbs, planting 316.

**C**

Canada thistle 183, 193, 245, 275, 336, 344.  
 Cattle disease and kindred maladies, Illinois 1.  
 Casks, to purify tainted 334.  
 Chestnuts, European, cultivation in Maryland 359.  
 Chicory, cultivation of 6.  
 Corn and its cultivation 129, 194; planting 132; broadcast 133; cultivation of large late 136; Indian 140, 175, 201; experiments with 357.

Corn Fodder for milch cows 5, 323; saving 297.  
 Corn crib, plan of a 273, 332.  
 Corn-plow and seeder 113.  
 Corn dropper, McConaughay's patent 127.  
 Cultivators, sulky 5; seed-sower and, combined 37; walking 49; Deere's 71; Kynett's 117.  
 Cheat vs. wheat 255.  
 Choked pipe, to clean out 12.  
 Cider, to make 249, 295.  
 Collars and Saddles, wooden 42.  
 Cockle 162, 197, 247, 295.  
 Constitution of the Maryland State Agricultural and Mechanical Association 238.  
 Cotton Culture, preparation of manure 21; new methods of 91; cultivation of 298, 329, 363.  
 Coal ashes 85.  
 Cork 131.  
 Cow pea as a fertilizer for wheat 217, 340.  
 Cabbage, remedy for club-footed 36; the tribe 176, 212; winter 213; setting out 219; saving 310, 365.  
 Colts, twin 162, 197, 198, 199, 306; treatment of young 184, 245, 297.  
 Compost 114; with lime, woods' mould, muck, &c. 290; manures, fertilizers and 321.  
 Cherokee Georgia, 55, 84.  
 Corn in the Crib, measurement of 261.  
 Cellars 173.  
 Crops, how to grow four in one season 106; Cattle, Channel Island 124; lice on 121; short-horned 154; do they lose their cud 311.  
 Cranberry, cultivation of 339.  
 Cucumbers, all about 122; cultivation 213, 272.  
 Crows, a plea in favor of 255.  
 Curry-comb, card, and scrubbing brush 257.  
 Cow, what is a good 280.  
 Charcoal for horses' wind 305.  
 Cuds, do cattle lose their 311.

**D**

Dairy, temperature of cream for milk 34; refractory cream 34; milk of Jersey cows 34; milk or cream for one pound of butter 34; golden rules 34; cows and butter 34; how I make butter 127; practical butter making 149; dairy business 158; "it is all in knowing how" 219; butter for winter use 313; keeping cream 312; premium butter 127.  
 Ditching and draining 234; machine 362.  
 Draining and thoroughness in culture 354.  
 Discretionary premiums, Maryland State Fair 376.  
 Drain tiles, the best form 150; how water gets in 199.  
 Drainage, on 161; its effects, cost, &c. 179; queries on 203.  
 Drains, wooden 279.  
 David Dickson's plantation 139; on Immigration 266.  
 Doctrinal points about plants 145.  
 Dogs on the farm 255.  
 Drilling wheat 204, 258.  
 Driven Well, American 237.

**E**

Engineering, agricultural 8, 115.

Egg plants 122.  
 Eastern Shore of Maryland 216.  
 Eggs, how hatched 312.  
 Exhausted land, bringing into proper fertility 304.

**F**

Farm work for January 4; February 35; March 68; April 100; May 132; June 163; July 194; August 227; September 260; October 292; November 323; December 356.  
 Farm accounts 360.  
 Farm and plantation labor 204.  
 Farming implements, improved 37.  
 Fertilizers, home-made 141; frauds in 242, 264, 275, 297, 325; for wheat 274; commercial 276, 303; composts and 321.  
 Floriculture for January 1869, 29; February 59; March 87; April 117.  
 Farmer vs. the merchant 38; vs. Professions 107.  
 Farms, large and small 43.  
 Farm implements and machinery 259.  
 Farm-yard manure, state in which common should be applied 327.  
 Fattening pigs 60.  
 Fruit culture, advice to beginners 58.  
 Forest, our 76.  
 Fortunes sunk in farming 322.  
 Fencing, cost of 81; look to your 119.  
 Flowers, beautiful 86; garden and pleasure grounds 157.  
 Flouring and grist mills 106.  
 Fowls, Crevecour 144, 191; buff cochin 145; hounds 191; La Fleche 194; ovarium 224.  
 Fairs, agricultural 353.  
 Fairs, New England agricultural society 179; State for 1869, 214, 299; Montgomery county, Md. 246; Carroll county, Md. 247; Maryland State 289; Frederick county 291, 349; Carroll county, Md. 351; Alleghany county, Md. 381.  
 Fair, Maryland State agricultural and mechanical association, description of, award of premiums at, &c. 343.  
 Fish culture 202.  
 Fruit, influence of sun heat on 220; our list 309.  
 Fruits, autumn planting of small 310.

**G**

Garden work for January 5; February 36; March 70; April 116; May 133; June 165; July 196; August 228; September 260; October 293; November 324; December 358.  
 Grapery, small cold 156.  
 Grape Grower's association in Maryland 371, 372.  
 Grape vine in Europe 218, 251, 282, 314, 378.  
 Grape culture and pruning the vine 27; growers of Loudon county, Va. 37; land for 83; root grafting 182; facts in 182; cure of the Oidium 225.  
 Grass, culture in the South 16; sowing seed 140.  
 Greasing wagons 331.  
 Grubs, killing 12.  
 Green soiling stock 66.  
 Georgia, agricultural 180.  
 Governors of Maryland 270.  
 Grass lands, soap suds on 272.  
 Gumbo or Okra, culture of 244.  
 Guano, Peruvian deposits of 272.  
 Gypsum alone as a fertilizer 333, 365.

**H**

Harvesting 163.  
 Harvester, Marsh 120  
 Harnessing horses

Hay Stackers, Palmer's 194; curing 195; ground 310.  
 Hedges, Delaware 8; how to make Osage 142, 247.  
 Hessian fly 98, 102, 137.  
 Hog, disease of 207; fattening 323; sulphur for 336; dressing 366.  
 Horses, care of 22; and his diseases 23; to stop kicking 60; a few words about 280; staggers 281; how to fatten poor 287.  
 Horse-radish 123.  
 Horse "Dexter," how he is fed 60.  
 Horse, racing 208.  
 Honey, to strain 113.  
 Houses, dwelling, suggestions in building 62.  
 Hominy 237.  
 Heifer and bull calves, how produced 147.  
 How to make the most of it 372.  
 Hog, his faults, virtues and claims 152; fattening early 312.  
 Horse power 193.  
 Harvesting farm crops and garden seeds, time of 263.  
 Hyacinth in glasses, culture of 316.

**I**

Illustrations—force pump, &c. 17; velocipede 24; turbine water wheel 32; broadcast seed-sower and cultivator combined 37; asparagus 44; walking cultivator 49; Hill's lawn mowing machine 57; Deere's cultivator 71; Colfax strawberry 77; Brown's Corn planter 81; Caboon's seed sower 85; double zinnias 86; cluster tomato 92; patent hand glass 95; flouring and grist mill 106; corn plow and seeder 113; Kynett's cultivator 117; Marsh harvester 120; corn planter 127; Buff cochin 145; mediterranean white chaff wheat 157; French white chaff mediterranean 151; French red chaff mediterranean wheat 174; Scotch fife spring wheat 174; cabbage tribe 176, 212; canada thistle 183; Tiffins horse rake 192; Palmer's hay stackers 194; Jersey cow 206; Bullard and American hay tedders 187; turbine water wheel 233; driven well 237; beets 240; drilled and broadcast wheat 241; cucumbers 272; musk melons 305; Carter's ditching machine 362; drain plow 380; watermelons 389.

Irrigated meadows 3.  
 Irrigation 115.  
 Interesting facts 45.  
 Improvements in Howard and Montgomery counties 123.  
 Ice house, how to build a 315; easily made 331.  
 Indian corn, value of different kinds 201.

**J**

Jersey cattle, imported for Mobile 17; importation and loss of 338; Jersey cow 206.

**L**

Landreth's great seed farm 308.  
 Lawns or grass plots, repairing 119; how they are made 200; grass seed for 226; look after your 240.  
 Lambs, fall and winter treatment of 335.  
 Leached ashes for apple trees 19.  
 Leach, convenient ash 276.  
 Ladies department—history of a towel 30; married life 31; a new washer 31; a story of long ago 63; the volunteer counsel 93; going to house-keeping 124; blue grass girls 124; good bread and how to make it 159; a voice from "old granny" 189; kind words at home 222; a stolen

child 253; domestic servants 285; how to carve, &c. 286; good bread 286, 352; a child in court 319; decency in female dress 352.  
 Liebig, on the exhaustion and manuring of soils 41; on ignorance and knowledge in farming 74.  
 Limit of improvement in plants and animals by selection 98.  
 Lime, in soil 66; as a fertilizer 78; on wheat 211; and plaster, when to use 303; as a manure 303; on sour lands 360; salt and 362; lime 380.  
 Loam defined 193.

**M**

Machinery, labor saving 20.  
 Manuring, surface 310.  
 Marl, actual value of 34; how to test 34.  
 Maryland State fair premiums 373, 374, 375, 376, 377.  
 Meat, recipe for curing 21, 366.  
 Mixed husbandry and small farms 134.  
 Millet 132, 194; for horse feed 185.  
 Midge 147.  
 Mowing Machine, Hill's lawn 57.  
 Manure, fermented 219; clover as 224; artificial 273, 361; blood 274; farm-yard, how applied 327.  
 Manures, fertilizers and composts 321.  
 Model farm, a 175.  
 Meadow, setting a timothy 228; lands and how to manage them 257.  
 Millstones 196.  
 Mixing grain on boats 326.  
 Muck, what is 205; how to use 268.  
 Mule, how to break a 22.  
 Mulching fruit trees, benefits of 25, 76.  
 Muskmelons, varieties 305.

**N**

Nettles, to get rid of 383.  
 Negro labor at the South 98.  
 Notes and Commentaries, by Patuxent Planter, 20, 52, 103, 134, 166, 245, 294, 325 357.

**O**

Oats, culture of 68; potash for 92; varieties, &c., 125; fine 247; Norway 328.  
 Oil cake for stock 60, 103.  
 Oil as a remedy against insects 205.  
 Old mortar as manure 90.  
 Onion, best for market 211; culture of 213, 229, 231, 295; testing seed 232.  
 Orchards, cultivating 105, 118; apple in Maryland 119; failure of fruit 130; method of preparing land for 158; management of a young 181; peach, in Maryland 302.  
 Organized, why farmers should be thoroughly 131.

**P**

Pea weevil 187.  
 Peas vs. buckwheat 296; as a field crop 331; cow 340.  
 Potatoes, growing in Minnesota 3; manure for 5; hybridizing 54; digging 57; early 69; culture 92; crop of 112; mania 134; fall 195; borer 232; harvesting 244, 325; bug 297; storing 315; experiments with 357.  
 Peach on persimmon stock 51; remedy for worm 250; orchard in Maryland 302; Salway 308.  
 Pears, time of planting 337.  
 Pigs, experiments in feeding 184, 318.  
 Plaster, from walls of old houses 51; on the cereals 76.  
 Plough, new steam 40; to prevent rust 73; drain 800.

Pindar 157.  
 Pickling seed wheat 267.  
 Ploughing, deep and shallow 10; without dead furrows at corners 34.  
 Premiums at fairs, their object 334.  
 Pruning, winter 27; grapes 27.  
 Poetry, the old house far away 30; harvest hymn 31; the celestial army 63; story of a life 75; dreaming 93; the loved and lost 124; no time like the old time 153; ours 188; our childhood 189; love lightens labor 222; marriage 222; the kingdom of Home 253; at rest 285; counting baby's toes 286; the long ago 319; will no one pity 352; written at my mother's grave 384.

Pump, Morrell's fire engine, and force 17.  
 Poultry—feeding 35; range for hens 35; Brahma cockerel 35; killing, dressing and packing 35; packing eggs 35; bones as food 91; care of young turkeys 91; soft shelled eggs 144; chip 144; how to raise turkeys 221, 271.  
 Phosphates, the Charleston 82, 102.  
 Putty, to remove old 113.  
 Pomological Society, Americana 217.  
 Potash, as a fertilizer 127, 179.  
 Practical questions on farming 143.  
 Plaster of Paris, or gypsum, on wheat 226.  
 Plaster, calcined and ground 290; and lime, when to use 303.  
 Pumpkins 325.

**R**

Ramie, cultivation, &c. of 9; or, China grass 65.  
 Rabbits, to protect trees from 25.  
 Rappahannock, the valley of 368.  
 Rats, to destroy 199.  
 Rake, Tiffin horse 192.  
 Ridge country, S. C. sketch of 197.  
 Ridging, 333.  
 Root culture, and partial soiling 167.  
 Rotation of crops, wanted in Maryland 301.  
 Reading 230.  
 Rye, on sandy soil 16; seeding 227, 260; 255, 292.

**S**

Saltpetre as a fertilizer 158.  
 Salt brine a preventive against smut 164.  
 Salt and lime 362.  
 Sandcrack 158.  
 Salt and lime, mixture for agricultural purposes 249.  
 Sausages, making 368.  
 Sauer kraut, making 369.  
 Straw, advantageous use of 7.  
 Smut, to prevent 328.  
 Soiling, partial, and root culture 167.  
 Strawberry, Colfax 77; setting out beds 250.  
 Seed for an acre 94; look to 115; vitality of 150; quantity to the acre 173; selecting corn 303.  
 Shenandoah valley, Va. 42, 67, 73.  
 Seeding, thick and thin 244.  
 Sheep, bells a charm against dogs 64; raising 89; lice on 121; husbandry 247; and dogs 277; Cotswold 332; crossing 336; breeds of 379.  
 Smoke house, cheap 45.  
 Soils, improving poor 153; sandy, to improve 269.  
 Subsoil plough, new use of 39.  
 Stock, farm, in the U. S. 119; farm 167.  
 Superphosphates 19; how to make 48; how to use 186; and the Maine law 270.  
 South Carolina, a voice from 71.  
 Southern Maryland, lands in 75.  
 Sweet potatoes 73; planting and cultivating 109; sprouting 110; varieties 111; keeping 111, 172, 315; the 166, 187; packing 172.

Sorgo, almost a failure in Md. 169.  
Steam plowing in New Jersey 235.  
Staggers, blind 257, 281.  
Sumac, American 236, 302.  
Spurry, spurgula arvensis 265; failure 296.  
Spontaneous production 300.  
Sorrel, killing 279.  
Swamp land, the value of 269.

## T.

Tedders, hay, experience with 187.  
Tobacco, cultivation of, in Va. and N. C. 2.  
Thorough culture 138.  
Tilling land, when too wet, ill effects of 72.  
Timber, durability of 326.  
Trees for shade and shelter 366.  
Timothy, sowing 371.  
Thorough-bred and full blood 311.  
Thin sowing and wireworm 236; thick vs. 262, 275.  
Top-dressing of lands 39.  
Transplanting in autumn 250.  
Tomatoes, 73, 92, 122.  
Trees, ornamental 88; taking up 157; wash for 182, 205, 309; twelve best pear 182; what age to plant 337.  
Turbine water wheel 32, 232.  
Turnips, rutabaga 164; fall 195, 227; how to raise cheaply 232.  
Truck, packing and shipping 148.  
Truffles and mushrooms 236.  
Trial of mowing and reaping machines at Westover, Va. 214.

## U.

Useful table 100.  
Unleached ashes 105.

## V.

Velocipede 24.  
Vetches 270.  
Voice from Wisconsin 112.  
Voice from Georgia 170.  
Vinegar, to make good 268.

## W

Wash, cheap for buildings 56.  
Waste from the farm 171.  
Watermelons 369.  
Weevils 79, 80, 147; pea 187.  
Wheat, California 6; expense of raising, &c., 10; cause of failure 19; items 80; cause of rust on 85; smut in, how to prevent 98, 164, 186; product of 112; Mediterranean white chaff French do. 151; French red chaff, Scotch Fife spring 174; bringing 175; grand field of 182; Tappahannock 2<sup>1</sup>/<sub>2</sub>; culture of winter 203; drilling 204, 241, 258; lime and clover on 211; the cow peas as fertilizer 217; Plaster of Paris on 226; experiment with on heavy clay soil 235; vs. cheat 255; cultivation of 260; pickling seed 267; crop, does it pay? 291; seeding 292.

Wax, grafting 88.  
Wild oats, how to kill 10.  
Wine crop 28.  
Wine making 248, 295.  
Weight of live cattle, to ascertain 268.  
Whitewash, a good 258.

## X

Young men leaving home 179.

## RECIPES.

**DOMESTIC RECIPES FOR THE HOUSEHOLD** —Lemon fritters 31; everton taffy 31; apple heringue 31, 320; waffles 31; fremont cake 31; cheese cake 31; cornstarch cake 31; cropper cake 31; corn bread 94; milk yeast 94; bran yeast 94; chicken salad 94; to cook potatoes 94; fresh fish 94; good bread and how to make it 159, 254; how to beat whites of eggs 160; good rolls 160; tart rhubarb pudding vs. apple dumplings 189; tomato figs 189; pickles made green 190; furniture polish 190; bottling fruit 215; cabbage, fried, slaw 223; egg plants, cucumbers and tomatoes, beets, celery 223; domestic wine, tomato wine, currant jelly 223; tomato catsup, tomatoes in a new fashion 223; currant jam, to preserve cranberries 223; to make good yeast 254; canning corn 254; caper sauce 254; cucumber vinegar 320; tomato vinegar 320; stuffed cabbage 320.

**Miscellaneous Recipes.**—To cure corns 94; to prevent skippers in bacon 158; how the Dutch wash 160; croup, dysentery, cough 160; felons 160; croup 189; toothache 159; bleeding at the nose 205; burns and scalds 223; grease spots 223; to drive away roaches and ants 254; to remove warts 254; remedy for headache 384; remedy for in-growing toe nails 384; washing made easy 384; Ironing 384; how to do up shirt bosoms 384; to wash a sheep skin 384.

**Recipes for Horses.**—Colic, or scours in horses 23; nail in the foot 10; poll-evil 23; colic 61, 185, 312, 383; liniment 61, 312; wounds from mortifying 61; sore backs 61; heaves in 90, 209; loss of appetite 90, cough 90; worms 90; tender hoofs 90, 281; for wounds 126; inflamed eyes 153; mange 153; galled back 153; founder 153, 209; lice 185; blind staggers 185, 281, 333; swollen legs 185; hoot bound 185, 312; to arrest skin disease 185; bran for 191; corns on feet 209; sore eyes 209; sprain 209, 281; washing 209; gall 209; weak eyes 209; itch 254, 281; salt and ashes for 254; interfering 254; ringbone 254, 336; scratches 281; warts 281; loose bowels 281; sore mouth or tongue 281; wounds 281; gall 281; loss of hair 281; cribbing 312; condition powders 312 sprung kneed 312; to shod a hoot bound 312; big head 336; scours in foals 336; film in eyes 336.

**Recipes for Cattle.**—Abscess 23; for fowls 23; warts 23; red water 61; inflamed bowels 61; hard milking cows 89; hollow horn 121; lice on 121, 148, 153, 185; hoot ail 126; mange 153, 209; garget 209; fever in 254, 283; rheumatism in cows 254; sore teats 254; retention of the placenta 336.

**Recipes for Swine.**—Cure for hog cholera 23, 383; Pleuro-pneumonia 207; worms 207; lice 209.

**Recipes for Sheep.**—Sore mouth 23; foot rot 23; protect from dogs 61; thumps 185; red water 254; scours in 336.

**Poultry.**—Lice on chickens 35, 144, 155; roup 35, 61, 209; water for 61; vermin 172; white sand 189; diarrhoea 193; gapes 221; cholera 312.

**Remedies for Insects, &c.**—On grape vines 28; peas from bugs 29, 200, 304; pea weevil 200; oil 205; peach and currant worm 220, 250; black knot 220; on fruit trees 220.